

06-02-03

1724

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application	09/617,749	
	Filing Date	July 17, 2000	
	First Named	Jerry McKinney	
	Group Art Unit	1724	
	Examiner Name	Chester T. Barry	
Total Number of Pages in This Submission	25	Attorney Docket Number	Clearstream-6

 RECEIVED
 JUN 09 2003
 TC 1700

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Acknowledgment Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Substitute Amendment in response to Office Actions mailed November 30, 2001 and May 1, 2003.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Browning Bushman P.C. C. James Bushman, Reg. No. 24,810
Signature	
Date	May 30, 2003

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name			
Signature		Date	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Jerry McKinney

Docket No.

Clearstream-6

Serial No.

09/617,749

Filing Date

July 17, 2000

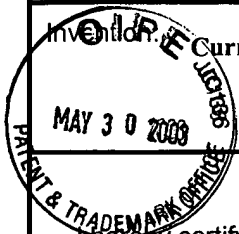
Examiner

Chester T. Barry

Group Art Unit

1724

Invention: Current and Aeration System for Wastewater Plant

RECEIVED
JUN 09 2003
TC 1700

I hereby certify that the following correspondence:

Substitute Amendment and all related documents

(Identify type of correspondence)

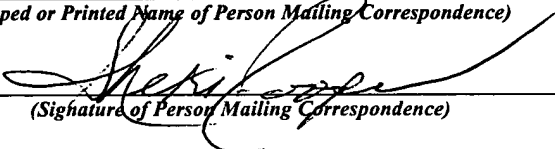
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

May 30, 2003

(Date)

Sheri Cooper

(Typed or Printed Name of Person Mailing Correspondence)


(Signature of Person Mailing Correspondence)

EL 776781456 US

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Jerry McKinney § Attorney Docket No.: Clearstream-6
Serial No.: 09/617,749 §
Filing Date: July 17, 2000 § Art Unit No.: 1724
For: *Current and Aeration System* §
 for Wastewater Plant § Examiner: Chester T. Barry

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RECEIVED
JUN 09 2003
TC 1700

Sir:

Enclosed for filing in the captioned application is the Substitute Amendment. It is understood that no fee is due in connection with filing the Substitute Amendment; however, in the event a fee is found to be due, the Commissioner for Patents is authorized to debit Deposit Account No. 02-4345. This authorization is provided in duplicate.

Respectfully submitted,

C. James Bushman
Reg. No. 24,810

Date: May 30, 2003

BROWNING BUSHMAN P.C.
5718 Westheimer, Suite 1800
Houston, TX 77057-5771
Tel.: (713) 266-5593
Fax: (713) 266-5169

CERTIFICATE OF MAILING

I, Sheri Cooper, hereby certify that this correspondence and all referenced enclosures are being deposited by me with the United States Postal Service as Express Mail No. EL 776781456 US in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 30, 2003.

By:



19/E

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Jerry McKinney

§
§
§
§
§
§
§

Attorney Docket No.: Clearstream-6

6-12-03
6-12-03

Serial No.: 09/617,749

Filing Date: July 17, 2000

Art Unit No.: 1724

For: *Current and Aeration System
for Wastewater Plant*

Examiner: Chester T. Barry

SUBSTITUTE AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RECEIVED
JUN 09 2003
TC 1700

Sir:

In response to the Office Actions mailed November 30, 2001 and May 1, 2003, kindly amend the above-identified application as follows:

IN THE SPECIFICATION

In column 5, please amend the paragraph beginning at line 12 as follows:

Clean Version of Amended Paragraph

The defined current or circulation pattern produced by this embodiment, as shown in FIG. 1, is such that oxygenation gas forces the fluid within the aeration chamber to move upwards in direction 100 from the diffuser until it reaches the surface of the liquid within the chamber. This forces a current which travels around the conical partition in both directions, as indicated by the numbers 102 and 104. As these currents meet on the opposite side of the partition, the intersection of the outer currents causes a downwardly flowing